

LEGRIA HFM31 Video Camera

High Definition – 32GB Dual Flash Memory

Canon
advanced simplicity®

LEGRIA

The Canon LEGRIA HFM range offers consumers stunning FULL HD video in an ultra-sleek, compact and lightweight body

Powerful

Packed with all the necessary features the promising videographer would need, the LEGRIA HFM31 encompasses FULL High Definition video recording coupled with an easy to use 2.7 inch Touch LCD Screen. The genuine Canon HD Camera System and Powered IS ensures all those precious memories will be relived time after time.



Key Features

High image quality and compact design

- Canon FULL HD System
- AVCHD up to 24 Mbps
- Lightweight at 320g

Advanced automatic performance

- Intelligent Auto
- Instant AF
- Face detection technology

Reassuring performance every time

- Featuring Dynamic Mode
- OIS and Powered IS
- Dual Flash Memory
- Relay Recording
- Underwater (when used with underwater housing / Surface mode)

Enjoyable video sharing

- 2.7 inch Touch screen
- Video snapshots linked with audio players
- Internal down-conversion



Touch Screen

2.7" Touch Screen LCD

Large High Definition LCD for more engaging and ease of use. Touch Focus, Touch + Track and Touch Exposure.



DUAL FLASH MEMOR

Dual Flash Memory

Records video to 32GB built-in flash memory and to memory card. 2hrs 55mins in highest quality to 32GB built-in only



FULL HD SENSOR

Fast Capture and Processing

True Progressive 1/4" HD CMOS sensor (1920 x 1080) for fast capture and processing and low power consumption



HD Video Lens

HD Video Lens and Zoom

High precision aspheric video lens with 15x zoom



POWERED

Powered IS and Intelligent Auto

Powerful anti-shake technology during long range shooting and Intelligent Auto where the camera determines the optimal shooting settings (31 scenes)



High Speed Processing

DiGiC DV III image processor for high speed and quality processing of HD data



Sharp Focusing on Demand

Instant AF for crisp and quick refocus to ensure optimum HD footage

Photo Capture Sequence

One second of a captured movie can be saved as 25 consecutive 2MP photos, now that moment can be remembered as a picture as well as video.

Video Snapshot v2

Capture a 2, 4 or 8 second series of video and create engaging movies from a sequence of these clips and play it back to music.



Video Snapshot



Canon High Definition Camera System

Canon's complete high definition video camera system incorporating the HD CMOS sensor (1920 x 1080), genuine Canon HD Video Lens & powerful DiGiC DV III processor ensures you get the best HD filming results possible.

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LEGRIA HFM31 Technical Specifications	
Video System	
Format Type	Flash - SD / SDHC + 32GB Built In
Sensor	1/4-inch, total pixel count of approx. 3.89 Megapixel Canon HD CMOS sensor
Image Processor	DiGiC DV III
Video Data	AVCHD 1080/50i, 1080/25P (Maximum AVCHD 24Mbps)
Recording Modes	MXP 24Mbps / FXP 17Mbps / XP 12Mbps / SP 7Mbps / LP 5Mbps
Image Pixels	
Total Pixels	3.89 Megapixels
Still Image	3.11 Megapixels
Real Widescreen 16:9	2.99 Megapixels
Lens	
Optical / Digital	15x / 300x
Focal Length	4.1 – 61.5 mm
Maximum Aperture	f/1.8 to f/3.2
Minimum Focusing Distance (mm)	10 (wide angle)
Shutter Speed	1/2-1/2,000 sec.
Image Stabilizer	Optical system (Dynamic IS provided, vector detection)
Lens Cover	Built-in Automatic
Focusing	
AF System	Hi-Speed Instant Auto Focus , Normal AF (Touch and Track available)
Focusing Range	Auto / Manual
Control/Balance	
Light Metering Method	Evaluative / Centre-weighted average / Spot metering
Exposure Compensation	±12 steps via joystick (Touch Exposure Lock available)
White Balance Mode	Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H
Illumination	
Min Illumination	0.4 Lux (Low Light Mode)
Low Light Mode	Yes (1/2 sec)
Flash	Yes
Video Light	Yes
LCD	
View Screen / Pixels	Touch Widescreen 2.7" / 211,000 Wide View Angle & Wide colour range
Viewfinder (Colour)	-
Filming Models & Controls	
AE Program Modes	Auto / P / Av / TV / SCN / CINE progressive 25P
Scene Modes	Portrait / Sports / Snow / Beach / Sunset / Night / Low Light / Spotlight / Fireworks / Underwater / Surface
Effects	Black & White / Sepia
Fades	Auto Fade / Wipe (Movie only)
Audio	
Audio Data	Dolby Digital AC-3 2ch (5.1-ch Supported)
Audio Level Metering	Manual audio level VR metering & control with adjustment via LCD
Wind Screen	Auto / Off
Still Image Recording	
Capture Size	3.11 Megapixels
Memory Card Type	SDHC / SD
Still Image Resolution	2304x1296, 2100x1575, 1600x1200, 640x480
Still Shooting Functions	Auto Exposure Bracketing / High Speed Continuous Shooting / 9-point AiAF
Power	
Battery (standard)	Avg. 1hr 45min
Charging Time	150 min
Quick Start/Power Save	Yes, linked with LCD
Built-in Charger	Yes
Interface	
Terminals	USB 2.0 Hi Speed / mini HDMI / Component output / AV output / Microphone / Headphone/ Mini advanced shoe (RA-V1 supported)
Operating Platforms	Canon photo application software - PC: Windows XP SP2/SP3, Vista (including SP1/SP2), Windows 7 Mac: OS X 10.4 to 10.6 Pixela ImageMixer 3 SE Software - PC: Windows XP SP2/SP3, Vista SP1/SP2, Windows 7
General	
Self Timer	10 sec / Remote 2 sec
Search	Calendar / Timeline / Date / Face
Dimensions W x H x D	68 x 60 x 123mm
Weight exc. battery (g)	Approx. 320g

Included Accessories

- Battery Pack BP808
- Power Adapter CA-570
- Stereo Video Cable STV250N
- Component CTC100/S
- USB 2.0 Hi Speed Cable IFC-400PCU
- Photo applications and audio data disc
- PIXELA application disc
- Wireless Controller WL-D89

Optional Accessories

- Battery Chargers
 - CG800
- Battery Packs
 - BP809
 - BP819
 - BP827
- Cables
 - Mini HDMI (HTC100 Mini terminal Type C)
- Lens Adaptor
 - Wide Angle WD-H37II
 - Teleconverter TL-H37
 - Filter Set FS-H37U
- Accessory Shoe
 - Stereo Microphone DM100
 - Surround Microphone SM-V1
 - Video Light VL-5
 - Video Flash Light VFL-2
 - Remote Control Adaptor RA-V1
- Cases
 - SC1000
 - SC2000
- DVD Burner DW100
- Remote Controller ZR-2000
- Memory Cards – SD / SDHC Class 4+ recommended for 1920 x 1080 recording
- Waterproof case WP-V2